

Warm Up :

Study the pictures..these are artist's renderings of a time in earth's history. Describe what earth was like based on these pictures.

Write your description on the top half of page 24

# Page 25-26 set up

Climate Proxies	
<b><u>Physical Samples</u></b>	<b><u>Video</u></b>
Tree Ring	Tree Rings
	Ice Cores
	<b><u>Article</u></b>
Ice Core	Tree Ring Summary
	Ice Core Summary
	Coral Summary
25	26

# Video Section p26, top half

**For each video clip, write a summary of the evidence found and how it is used.**

Ice Cores

<http://natgeotv.com/ca/extreme-ice/videos/national-ice-core-lab>

tree ring video

<http://www.youtube.com/watch?v=FAOYkx8E-Gc>

## **Tree Ring:**

- 1. Page 25: draw your tree ring, discuss physical characteristics you see, label them on your diagram.**
- 2. Read “Reading the Rings of a Tree” ....add descriptions to the physical characteristics in your drawing**

## **Ice Core:**

- 1. Page 25: draw your ice core, discuss physical characteristics and inclusions you see, label them on your diagram**
- 2. Read “Stories in the Ice” .....add descriptions to the physical characteristics in your drawing**
- 3. Discuss the difference types of data you saw in the the ice core sample and the ice core nitrate/conductivity graph**

# Article Summary p26, bottom half

Read the article: Unearthing Secret America

1. Jigsaw the reading within your group.
2. Summarize the data provided by the proxy you read about in the “Article” section of your notebook (p26)
3. Share out with your group, complete your notes in this section

## Bottom half of page 24

Think about the EQ

Write your own response. Complete sentences, essay format. You should cite evidence from your activity today

**EQ: Why must ice cores and other climate proxies be included as evidence when describing earth's history?**